

LABdex



Automatic Lifting Rotary Evaporator LX1002ARE

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Description

Automatic Lifting Rotary Evaporator LX1002ARE is an advanced rotary evaporator equipped with an automatic motorized lift and an intuitive LCD display for clear visualization and precise control of the evaporation process. It offers a wide rotation speed range of 5 - 120 rpm and a heating temperature up to 250 °C, ensuring efficient and safe solvent removal in chemical, pharmaceutical, and research applications.

Specifications

Rotary bottle volume	20 L
Receiving bottle volume	10 L
Rotational speed	5 - 120 rpm
Evaporation capacity	Water ≥ 4.5 H/L, Ethanol ≥ 11 H/L
Vacuum degree	399.9 Pa
Motor power	60 W
Heating temperature	RT- 250 °C
Heating power	5 KW
Movements Itinerary	0 - 180 mm
Lifting power	40 W
Power supply	220 V / 50 Hz ± 10 %, 110 V / 60 Hz
External dimension	1250 x 600 x 2100 mm
Packing dimension	1060 x 540 x 1230 mm
Gross weight	120 Kg

Features

- Built with high-quality stainless steel main rack
- Includes 10 L receiving flask with 60 mm diameter flange
- It offers high evaporation rates: Water ≥4.5 L/h, Ethanol ≥11 L/h
- Integrated vacuum gauge with vacuum degree 399.9 Pa for heat-sensitive solvents
- LCD display showing temperature, rotation speed, and bath height

- Adjustable rotation speed from 5 to 120 rpm
- Automatic lifting with 40 W of power

Applications

- It is widely used for efficient evaporation, distillation, and solvent recovery in chemical, pharmaceutical, and research laboratories.

Optional Accessories

- Chiller
- Vacuum pump



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